

AMENDMENTS IN THE CLAIMS

The following is a list of claims currently pending, or cancelled, in the application. The amendments below are made assuming that the amendments of Supplement to Response B were entered.

Please cancel claims 167-186 without prejudice such that Applicants reserve the right to pursue them at a later time. Please cancel all withdrawn claims, namely 1-35, 43-155, and 164-166 without prejudice. (The result of these cancellations is that no previously presented claims are now pending.) Please add new claims 187-205 as shown below.

Claims 1-186. (cancelled)

187. (new) A method for determining a profile data set for a subject, based on a sample from the subject, the sample providing a source of RNAs, the method comprising:

using amplification for measuring the amount of RNA corresponding to at least four constituents from any one of Tables 1 through 7 and

arriving at a measure of each constituent,

where the profile data set comprises the measure of each constituent and wherein amplification is performed under measurement conditions (i) that are reproducible such that the coefficient of variation, on repeating the processes of using amplification and arriving at a measure, for the same sample and constituents, is less than approximately 3 percent and (ii) wherein efficiencies of amplification for all constituents differ by less than approximately ten percent.

188. (new) A method according to claim 187, wherein efficiencies of amplification for all constituents differ by less than approximately 2 percent.

189. (new) A method according to claim 187, wherein efficiencies of amplification for all constituents differ by less than approximately 1 percent.
190. (new) A method according to according to any of claims 187-189, wherein the sample is of blood from the subject.
191. (new) A method according to according to any of claims 187-189, wherein the sample is of a blood fraction from the subject.
192. (new) A method according to according to any of claims 187-189, wherein the sample is of a body fluid from the subject.
193. (new) A method according to according to any of claims 187-189, wherein the sample is a population of cells from the subject.
194. (new) A method according to claim 193, wherein the population of cells is tissue.
195. (new) A method according to claim 187, wherein the profile data set characterizes a biological condition.
196. (new) A method according to claim 195, wherein the at least four constituents are selected from Table 1 and the biological condition characterized is inflammation.
197. (new) A method according to claim 196, wherein the at least four constituents are selected from Table 2 and the biological condition characterized is cell growth and differentiation.
198. (new) A method according to claim 196, wherein the at least four constituents are selected from Table 3 and the biological condition characterized is human liver metabolism and toxicity.
199. (new) A method according to claim 196, wherein the at least four constituents are

selected from Table 4 and the biological condition characterized is skin response.

200. (new) A method according to claim 196, wherein the at least four constituents are selected from Table 5 and the biological condition characterized is prostate condition.

201. (new) A method according to claim 196, wherein the at least four constituents are selected from Table 6 and the biological condition characterized is vascular condition.

202. (new) A method according to claim 196, wherein the at least four constituents are selected from Table 7 and the biological condition characterized is rat liver metabolism and toxicity.

203. (new) A method according to any of claims 195-202, wherein the biological condition being evaluated is with respect to a localized tissue of the subject and the sample is derived from tissue or fluid of a type distinct from that of the localized tissue.

204. (new) A method according to any of claims 187 and 196-202, further comprising:  
storing the data set in a digital storage medium.

205. (new) A method according to claim 204, wherein storing the data set includes storing it as a record in a database.